

Serial No. 756,025

24. A pharmaceutical composition comprising a compound of formula (1) described in claim 19 in association with a pharmaceutically acceptable carrier.

25. A method of producing muscle relaxation in a mammal which comprises parenterally administering to a mammal an effective muscle relaxation amount of a compound of claim 19.

26. The method of claim 25 in which the compound is administered in a pharmaceutically acceptable carrier.

27. A compound of claim 19 where X is C1.

28. A mixture according to claim 23 wherein X is C1.

29. A composition according to claim 24 wherein X is C1.

30. A method according to claim 25 wherein X is C1.

31. 2,2'[(E)-4-Octenedioylbis(oxytrimethylene)]bis[1R,2R-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] cation in association with a pharmaceutically acceptable anion.

32. (E)-(1R,1'R,2R,2'S)-2,2'-[4-Octenedioylbis(oxytrimethylene)]bis[1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] cation in association with a pharmaceutically acceptable anion.

33. 2,2'-[(E)-4-Octenedioylbis(oxytrimethylene)]bis[(1R,2R)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] cation in association with a

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pharmaceutically acceptable anion.

34. A method for producing muscle relaxation in a mammal which comprises parenterally administering to a mammal an effective muscle relaxant amount of one or more of the compounds of claims 31, 32 or 33.

35. A pharmaceutical composition comprising one or more of the compounds of claims 31, 32 and a pharmaceutically acceptable carrier therefor.

36. A compound of claims 31, 32 or 33 in which the anion is the chloride anion.

37. 2,2' [(E)-4-Octenedioylbis(oxytrimethylene)]bis[1R,2R-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] dichloride.

38. (E)-(1R,1'R,2R,2'S)-2,2'-[4-Octenedioylbis(oxytrimethylene)]bis[1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] dichloride.

39. 2,2'-[(E)-4-Octenedioylbis(oxytrimethylene)]bis[(1R,2S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium] dichloride.

40. A method for producing muscle relaxation in a mammal which comprises parenterally administering to a mammal an effective muscle relaxant amount of one or more of the compounds of claims 19, 20 or 21.

41. A sterile pharmaceutical composition comprising one or